

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 56, line 10, with the following rewritten paragraph:

b1 --PCR was performed as set forth in Example 3, above, with the following primers. Fetal sex was determined by PCR analysis of DNA from fetal tissue with Y1 (SEQ ID NO:1) and Y2 (SEQ ID NO:2) primers to amplify a 154 base pair Y-specific DYZ1 sequence. Because the amount of fetal DNA was sufficient, it was not necessary to perform nested PCR. Nested PCR was carried out with maternal urine DNA samples additionally using nY1 and nY2 primers to target a 77 base pair sequence found within the 154 base pair sequence:

nY1: 5'-GTCCATTACACTACATTCCC-3' (SEQ ID NO:13)

nY2: 5'-AATGCAAGCGAAAGGAAAGG-3' (SEQ ID NO:14).--

Please cancel the present "SEQUENCE LISTING", pages 64-68, and insert the accompanying paper copy of the Substitute Sequence Listing, page numbers 1 to 5, at the end of the application. Cancel the page numbers of the Claims and Abstract and renumber as pages 64 through 69, accordingly.